रजिस्ट्री सं० डी०-(डीएन)—128 REGISTERED NO. D-(DN)-128

भारत का राजपत्र
The Gazette of India

प्राधिकार से प्रकाशित
PUBLISHED BY AUTHORITY

सं० 5] नई दिल्ली, शनिवार, जनवरी 30, 1988 (माघ 10, 1909)
No. 5] NEW DELHI, SATURDAY, JANUARY 30, 1988 (MAGHA 10, 1909)

इस भाग में भिन्न पृष्ठ संख्या दी जाती है जिससे कि यह असग संकलन के रूप में रखा जा सके।
(Separate paging is given to this Part in order that it may be filed as a separate compilation)

भाग III—खण्ड 2
[PART III—SECTION 2]

पेटेन्ट कार्यालय द्वारा जारी की गई पेटेन्टों और डिजाइनों से सम्बन्धित अधिसूचनाएं और नोटिस
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Calcutta, the 30th January 1988

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REGISTRATION OF PATENT AGENTS

The following person has been registered as Patent Agent :—

Dr. Amarjyoti Basu,
43, Rishi Bankim Chandra Road,
Royd Park,
Calcutta-700 034.

APPLICATION FOR PATENTS FILED AT THE HEAD OFFICE 234/4, ACHARYA JAGADISH BOSE ROAD, CALCUTTA-20

The dates shown in the crescent brackets are the dates claimed under Section 135. of the Patents Act, 1970.

The 22nd December, 1987

992/Cal/87. Biopolymers Limited. Biostatic and biocidal compositions. (Convention dated 23rd December, 1986) Australia.

993/Cal/87. Kishor Chandea Kothari and Vipul Kothari. An improvement in or relating to rechargeable cell or storage battery.

994/Cal/87. Rauma-Repola Oy. Method and device for collecting objects from the seabed.

995/Cal/87. Franz Plasser Bahnbaumaschinen-Industriegesellschaft m.b.H. A travelling track maintenance machine, more especially a track tamping, lifting and lining machine for switches and crossings.

The 23rd December, 1987

996/Cal/87. Iel Limited. An improved process for the preparation of saturated and unsaturated fatty alcohols and diols from carbonyl compounds.

997/Cal/87. Macneill & Magor Limited. A higher capacity fork-lift truck for a given service weight and length of the same.

998/Cal/87. Central Mine Planning & Design Institute Ltd. Improved coke oven chimney and in particular, beehive oven chimney.

The 28th December, 1987

999/Cal/87. Himont Incorporated. New complexes of bismuth or antimony halides with amines, suitable as flame retardants for polymers, and polymer compositions containing same.

1000/Cal/87. Licentia Patent-Verwaltungs-Gmbh. Synthetic insulation.

1001/Cal/87. Goldstar Co. Ltd. Flyback transformer.

1002/Cal/87. Bridgestone Corporation. Tubular belt conveyor.

1003/Cal/87. Bridgestone Corporation. A belt Conveyor.

1004/Cal/87. Bridgestone Corporation. A tubular belt conveyor.

The 29th December, 1987

1005/Cal/87. E.I. Du Pont De Nemours and Company. An azetrope or azeotrope-like composition of trichlorotrifluo roethane and dichlorodifluoroethane.

1006/Cal/87. Vickers, Incorporated, Power transmission.

1007/Cal/87. White Consolidated Industries, Inc. Compressor head and suction muffler.

1008/Cal/87. Neste Oy. Non-woven fibre product.

1009/Cal/87. Shimizu Construction Co. Ltd. Method of manufacturing concrete and apparatus therefor.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, MUNICIPAL MARKET BUILDING, IIRD FLOOR, KAROL BAGH, NEW DELHI

The 30th November, 1987

1016/Del/87. Sultan Singh Jain, "Safety devices performing system of safe running of trains".

1017/Del/87. Awadhesh Kumar Sharma, "Automatic crops cutting machine".

1018/Del/87. BP Chemicals (Additives Ltd., "Alkaline earth metal hydrocarbyl phenates, their sulphurised derivatives, their production and use thereof". (Convention date 29th November, 1986) (U.K.).

1019/Del/87. BP Chemicals (Additives) Ltd., "Sulphurised alkaline earth metal hydrocarbyl phenates, their production and use thereof". (Convention date 29th November, 1986)(U.K.).

1020/Del/87. Shell Internationale Research Maatschappij B.V., "Elastomers and tyres containing them". (Convention date 2nd December, 1986) (U.K.).

1021/Del/87. PPG Industries, Inc, "Method and apparatus for cutting glass".

1022/Del/87. Royal Ordnance PLC., "Tubular projectiles". (Convention date 28th November, 1986) (U.K.).

The 1st December, 1987

1023/Del/87. Council of Scientific and Industrial Research, "A process for the preparation of a sol formulation useful as precursor for providing anti-glare coatings on glass substrates".

1024/Del/87. Council of Scientific and Industrial Research, "A process for providing anti-glare coatings on glass substrates and the glass substrates so prepared".

1025/Del/87. Exxon Research and Engineering Compnay, "A process for treating a brominated butyl rubber".

1026/Del/87. Energy Conversion Devices Inc., "Enhanced charge retention electrochemical hydrogen storage alloys and an enhanced charge retention electrochemical cell".

1027/Del/87. KF Engineering Kabushiki Kaisha, "Process and apparatus for the recovery of acetone, butanol and ethanol".

1028/Del/87. Esco Corporation, "Excavating tooth assembly".

1029/Del/87. Krupp Polysius AG., "Method and apparatus for the two stage crushing of brittle material for grinding".

1030/Del/87. Krupp Polysius AG., "Method and apparatus for the two stage crushing of brittle material for grinding".

1031/Del/87. Shell Internationale Research Maatschappii B.V., "A composition comprising a polyepoxide and a epoxy fusion catalyst, and a process for preparing fused epoxy resins".

1032/Del/87. Fuller Company. "Apparatus for conveying hot finely divided material".

The 2nd December, 1987

1033/Del/87. Emhart Industries, Inc., "Electronic locking system".

1034/Del/87. Nordson Corporation, "Method and apparatus for depositing moisture-absorbent material in a substrate".

1035/Del/87. Colgate-Palmolive Company, "Wash cycle fabric conditioning composition".

1036/Del/87. Sealing Devices Pty. Ltd., "Improved rotary seal". (Convention date 3rd December, 1986 and 4th September, 1987) (Australia).

The 3rd Decemer, 1987

1037/Del/87. Godfrey Phillips India Ltd., "Probe type vacuum chamber".

1038/Del/87. Warner-Lambert Company, "Destructurized starch and method for making same". (Convention date 9th March, 1987) (U.K.).

1039/Del/87. Frederick George Wilson, "Health care device". (Convention date 12th December, 1986) (U.K.).

1040/Del/87. The lubrizol corporation & Atlas Powder company, "Explosive compositions".

The 4th December, 1987

1041/Del/87. National Council for cement and building material; "A system for use in a vertical shaft kiln".

1042/Del/87. Pandrol Limited, "A railway rail fastening clip and a railway rail and fastening assembly". (Convention date 10th December, 1986) (U.K.).

APPLICATION FOR PATENTS FILED IN THE PATENT OFFICE BRANCH AT TODI ESTATE, 3RD FLOOR, SUN MILL COMPOUND, LOWER PAREL (WEST) BOMBAY-400 013

The 18th November, 1987

345/Bom/87. Peico Electronics & Electricals Limited. An improved three phase shunt type arc welding machine.

346/Bom/87. V.K. Shridhar. Mechanism for infinite adjustment of angle of rotation and speed of rotation of fans and the like.

The 19th Novemoer, 1987

347/Bom/87. Ramashankar Prasad. Scooter jack for replacing/fixing rear wheel of any type of scooters.

The 20th November, 1987

348/Bom/87. Mohan. Running of a two wheeler through L.P.G. (Liquid petroleum gas or cooking gas).

The 26th Novemer, 1987

349/Bom/87. Nirmal Pannalal. Water-Preventing Fuel-Cut-Off Device.

The 27th November, 1987

350/Bom/87. S.R. Sivaswamy. Improvement to construction of cantilever gantrys.

The 30th November, 1987

351/Bom/87. K.R. Dholaria. A modified vacuum pump.

352/Bom/87. Prafullachandra Rajabhau Deo. Electric Thrust Drive.

The 3rd December, 1987

353/Bom/87. Haffkine Institute for Training, Research & Testing. A novel process for the Synthesis of 2-N-substituted-N, N-diethyl amide hydrochloride.

The 4th December, 1987

354/Bom/87. R.S. Jaswal. Improved snap-fitting positive sealing means for rendering a meter or the like tamper resistant.

The 7th December, 1987

355/Bom/87. Bhatt Kashyap Kumar Bhanuprasad. Portable green house working on solar system.

356/Bom/87. M.C. Patel. The new device for metal cutting machine.

The 8th December, 1987

357/Bom/87. Nippon Koken Kabushiki Kaisha. Method for manufacturing agglomerates of fired pellfies.

APPLICATIONS FOR PATENTS FILED AT THE PATENT OFFICE BRANCH, 61, WALLAJAH ROAD, MADRAS-600 002

The 7th December, 1987

877/Mas/87. G. Venkatramana Bhat. "Safety Gear lock". It can be fixed to the gear box of the vehicles which stops the slipping of the gears.

878/Mas/87. G. Venkatramana Bhat. "Safety Break System" this will be a new method and can be adopted to the vehicle which completely stops the failure of the present break system.

879/Mas/87. G. Venkataramana Bhat. "Brightest Whiper System". This cleans the glass much more maximum than the present existing type.

880/Mas/87. Rosemount Inc. A transducer for converting electric signal to pneumatic signal. (Divisional to Patent Application No. 670/Mas/84).

881/Mas/87. Akebono Brake Industry Co., Ltd. Friction pad support mechanism for disc brake.

The 8th December, 1987

882/Mas/87. Indian Institute of Science. A Platinum catalyzed carbon electrode for efficiency reduction of oxygen in alkaline fuel/air fuel cells.

883/Mas/87. Vamatex S.p.A. Means to guide the motion of a pair of weft carrying grippers inside the shed of weaving looms.

884/Mas/87. Saes Getters S.p.A. Air bakeable delayed nitrogen doping.

885/Mas/87. BASF Aktiengesellschaft. Preparation of caprolactam from cyclobexamone oxime by beckmann rearrangement.

886/Mas/87. Board of Regents, The University of Texas System. Method for preparing a complementary polypeptide. (Application of Division to 130/Mas/86).

The 9th Devemer, 1987

887/Mas/87. Dr. Tanikella Sitarama Subramaniam & I.T.C. Limited. A humectant composition and process of process of preparing the same.

888/Mas/87. British-American Tobacco Company Ltd. Improvements relating to the expansion of particulate vegetable material. (December 22, 1986; (U.K.).

889/Mas/87. F. L. Smidth & Co. Improvements relating to coal-fired kiln plants. (December 9, 1986; Great Britain).

890/Mas/87. Microworld of Inner Space Limited. Improvements in or relating to display means. (December 9, 1986; New Zealand).

The 10th December, 1987

891/Mas/87. Mobil Oil Corporation. Oligomerization of olefins on supported metal oxide catalyst.

892/Mas/87. Dell-Orto S.p.A. Carburator for internal Combustion engines of small cylinder capacity.

893/Mas/87. The Gillette Company. Thermophotovoltaic technology.

The 11th December, 1987

894/Mas/87. Lucas Industries Public Limited Company. Cylinder Assembly. (December 13, 1986; United Kingdom).

895/Mas/87. Robert Henry Abplanalp. Aerosol Valve. (December 11, 1986; United Kingdom).

The 14th December, 1987

896/Mas/87. G. Venkatramana Bhat. Electricity produced from sea water energy.

897/Mas/87. S.B. Sikka. Begasse moisture reduction system.

898/Mas/87. The English Glass Company Limited. Liquid dosing device. (December 17, 1986; Great Britain).

899/Mas/87. The Dow Chemical Company. Sound and thermal insulation.

900/Mas/87. Elektro-Thermit GmbH. Aluminothermic composition.

The 15th December, 1987

901/Mas/87. Ente Nazionale per L'Energia Electrica. Electric line with bundle conductors associated to metal or dielectric cables incorporating optic fibres for telecommunication.

902/Mas/87. Schwihag Gesellschaft Fur Eisenbahnoberbau mbH. Base plate used for securing the rails of railroads and switches to timber sleepers.

The 17th December, 1987

903/Mas/87. Novenco A/S. A rolling bearing device for taking up axial thrust forces.

904/Mas/87. Nippon Chemiphar Company Limited. A process for preparing an amino-alcohol derivative. (Divisional to Patent Application No. 724/Mas/85).

905/Mas/87. Institut Francais Du Petrole. A method and device using a flame for producing synthetis gas.

906/Mas/87. Shell Internationale Research Maatschappij B.V. H_2S removal from gas streams.

907/Mas/87. Merlin Gerin. Two-pole differential switch with fault indicator.

The 18th December, 1987

908/Mas/87. K.A. Ranghachary. Fertilizer from the sky to grow more food.

909/Mas/87. Agricultural Genetics Company Limited. DNA Molecules useful in plant protection. (December 19, 1986; United Kingdom).

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CLASS : 33-A. 161731

Int. Cl. : B 22 d 17/00.

AN ASSEMBLY LINE FOR THE PRODUCTION OF CASTINGS, PARTICULARLY BY COUNTER PRESSURE CASTING.

Applicant : INSTITUTE PO METALOZNANIE I TECHNOLOGIA NA METALITE, OF 53, CHAPAEV STREET, SOFIA, BULGARIA, A SCIENTIFIC RESEARCH INSTITUTE ORGANIZED UNDER THE LAWS OF BULGARIA AND NAUTCHNO-ISSLEDOVATELSKI INSTITUTE SPECIALNIN SPOSOB LITYA, OF 2, CHIMICHESKAYA STR., ODESSA, U.S.S.R., A SCIENTIFIC RESEARCH INSTITUTE ORGANIZED UNDER THE LAWS OF U.S.S.R.

Inventors : (1) IVAN DIMOV NIKOLOV; (2) NIKOLA IVANOV KAJNAKTSCHIEV, (3) TODOR KOSTOV TRIFONOV; (4) KANTACHE ILLIEV TONTSCHEV; (5) NIKOLAY HRISTOV GAMSOV; (6) IVAN VLADIMIROV GETOV; (7) STALIAN BORISSOV BONTSCHEV; (8) ROSTISLAW LUKJANOWITCH SNECHNOI; (9) SAWELIL LEONIDOVTSCH BURAKOW; (10) BORIS ANDREWITSCH TIMOFEEW; (11) EWGENI EMELIANOWITSCH MIKOTIN; (12) IGOR STEPANOWITSCH WAWILO, (13) WLADIMIR PETROWITSCH SCHEWTSCHENKO & (14) IVAN CHARLAMPLEWITSCH TARASSOW.

Application No. 497/Mas/84 filed July 10, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

4 claims

An assembly line for the production of castings, by counter-pressure casting, comprising a turntable machine on the table of which there are mounted units for counter-pressure casting with casting moulds and sealed chambers, in which there are disposed crucibles with molten metal, and each casting mould is provided with a device for its displacement and closing, and outside the turntable machine there are installed meterinf devices with pouring spouts, wherein the units (4) for counter-pressure casting comprise movable sealed chambers (3) for molten metal having two guiding columns (8) fastened to the upper face of an intermediate platen (7), on the bottom face of the said intermidiate platen (7) there are mounted a locking mechanism (11) and a

mechanism (12) for simultaneous vertical and horizontal displacement of the bottom sealed chamber (3), and to the intermediate platen (7) there are mounted two transfer power cylinders (13), between the pouring spouts (14) or close to one of them there is mounted a device (15) having a support (18), in which there is mounted a vertical power cylinder (19), connected to a rotating drum (20) to which there is fastened a level detector (21) for checking the level of the molten metal in the respective sealed chamber (3) and at the end position of the turnable machine, means (16) are provided for removal of the casting (17).

Com.- 14 pages; Drgs. 5 sheets.

CLASS 70-C-5. 161732

Int. Cl. : B 01 k 3/00.

AN IMPROVED ELECTROLYSIS PROCESS FOR PRODUCING AN AQUEOUS ALKALI METAL HYDROXIDE SOLUTION BY ELECTROLYSING AN AQUEOUS ALKALI METAL HALIDE SOLUTION USING AN ASBESTOS DIAPHRAGM OR AN ION EXCHANGE MEMBRANE.

Applicant : KANEGAFUCHI KAGAKU KOGYO KABUSHIKI KAISHA, OF 2-4, 3-CHOME, NAKANOSHIMA, KITA-KU, OSAKA-SHI, JAPAN, A JAPANESE COMPANY.

Inventors : (1) YASUSHI SAMEJIMA, (2) MINORU SHIGA, (3) TOSHIFI KANO, (4) TAKAMICHI KISHI.

Application No. 513/Mas/84 filed July 16 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 claims. No drawing

In a process for the electrolytic production of alkali metal hydroxide solution using an electrolytic cell which is equipped with a low hydrogen overvoltage cathode and having an asbestos diaphragm or an ion exchange membrane the improvement comprising in the addition of a reducing agent such as herein defined into the cathode compartment of the said electrolytic cell.

Com.- 12 pages.

CLASS : 39-P & 130-G. 161733

Int. Cl. : C 22 b 19/26.

PROCESS FOR PURIFYING SOLUTIONS OF ZINC SULPHATE.

Applicant : SAMIM SOCIETA AZIONARIA MINERO-METALLURGICA S.P.A., A COMPANY ORGANIZED UNDER THE LAW OF THE ITALIAN REPUBLIC, OF P.E.I., METTEI 1-ROME, ITALY.

Inventor : SERGIO CAMMI & ALESSANDRO PESCETELLI.

Application No. 548/Mas/84 filed July 27, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 claims

Process for purifying aqueous colutions of zinc sulphate from metals such as Cu, Cd, Tl, Ni, Co, Ge, As, Sb, characterized in that the cementation is carried out in one or more stages with zinc dust and an activator selected from the group consisting of Cu-As and Cu-Sb where in the aqueous solution of zinc sulphate containing the metal to be cemented is fed from the bottom of a reaction vessel with a speed within the range of from 0.02 to 0.07 m/s, and the zinc dust, which is the cementing agent, having a granulometry within the range of from 0.01 to 1 mm is fed above the feeding inlet of the zinc sulphate solution, heating the reaction vessel to a temperature of from 60°C to 70°C, so as to form a fluid bed having a concentration of 100 to 500 g/l of cement particles and of zinc particles, which settles in the reactor during the retention period of 3 to 12 minutes removing the said particles to obtain purified zinc sulphate solution, operating with a retention time comprised within the range of from 3 to 12 minutes.

Com.-24 pages; Drg.-2 sheets.

CLASS : 126-A. 161734

Int. Cl. : G 01 r 27/00.

INDUCTANCE SENSOR.

Applicant & Inventor : DAVIDSON & COMPANY LTD., A BRITISH ENGINEERING COMPANY OF SIROCCO ENGINEERING WORKS BRIDGE END, BALFAST BT5 4AG NORTHERN IRELAND.

Application No. 565/Mas/84 filed August 2, 1984.

Convention Application No. 83.20962 dated 3-8-83.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

10 claims

An inductance sensor for use in a rotating matrix rotary regenerative air preheater wherein sealing strips are borne on end faces of the matrix past non-rotating sealing surfaces of the preheater, the sensor being mounted on the non-rotating part of the pre-heater to determine the spacing of the sealing strips from the sealing surface and comprising a U-shaped core around the parallel legs of which are mounted unequal coils.

Compl. Specn. 8 pages. Drg. 1 sheet.

CLASS : 56-B. 161735

Int. Cl. : C 10 g 13/02.

PROCESS FOR THE PREPARATION OF HYDROCARBON MIXTURES BOILING BETWEEN 150°C AND 360°C.

Applicant : SHELL INTERNATIONALE RESEARCH MAATSCHAPPIJ B.V., CAREL VAN BYLANDTLAAN 30-2596, HR THE HAGUE, THE NETHERLANDS, A NETHERLANDS COMPANY.

Inventors (1) JOHANNES KORNELIS MINDERHOUD (2) SWAN TIONG SIE.

Application No. 654/Mas/84 filed August 27, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

11 claims

A process for the preparation of hydrocarbon mixtures boiling between 150°C and 360°C from a mixture of carbon monoxide and hydrogen, characterised in that a H_2 and CO containing feed is contacted in the first step at elevated temperature of 125°C and 350°C and pressure of 5 to 100 bar with a catalyst comprising 3-60 pbw cobalt and 0.1—100 pbw of at least one other metal chosen from the group from by zirconium, titanium and chromium per 100 pbw silica, alumina or silica-alumina, which catalyst has been prepared by kneading and/or impregnation, and that in a second step the complete reaction product of the first step is subjected to a hydrocracking treatment by contacting it at an elevated temperature of 200 to 400°C and a pressure of 5 to 100 bar with a catalyst comprising one or more noble metals of Group VIII supported on a carrier the H_2/CO molar ratio of the feed and the reaction conditions of the first step contains sufficient unconverted hydrogen for carrying out the hydrocarcking reaction in the second step and therefor the middle distillates are isolated from the reaction mixture in a known manner.

Com.- 17 pages.

CLASS : 40-H. 161736

Int. Cl. : B 01 d 53/34, C 10 k 1/00.

A PROCESS OF GAS DESULFURIZATION.

Applicant : THE DOW CHEMICAL COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, OF 2030, DOW CENTER, ABBOTT ROAD, MIDLAND, MICHIGAN 48640, U.S.A.

Inventors : (1) DRUCE KIRK CRUMP, (2) DAVID ALAN WILSON & (3) GARY DEAN GATTON.

Application No. 675/Mas/84 filed September 4, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 claims

A process of gas desulfurization wherein a hot gas containing sulfur oxides is passed into a vapor-liquid contacting column where (1) said gas is quenched by contacting said gas with an aqueous solution or slurry containing a calcium compound which will react with said sulfur oxides such as hereinbefore described and (2) recovering the reaction product of said sulfur a oxides and said calcium compound, characterized in that

(a) thtre is included in said aqueous solution or slurry a threshold agent of the phosphonomethylated product of the reaction of (1) aminoethylpiperazine with (2) a dihalo or haloepoxy organic compound such as hereinbefore described, wherein the mole ratio of dihalo or haloepoxy compound to the amine compound is from about 0.20 to about 0.80: and

(b) said recovery step (2) comprises heating said aqueous solution or slurry to precipitate the sulfur-calcium reaction product

Com.- 21 pages; Drgs. 2 sheets.

CLASS : 85-F. 161737

Int. Cl. : F 23 h 17/00; 11/00.

A HEAT RESISTANT GRATE ELEMENT SHAPED AS A GRATE PLATE.

Applicant & Inventor : KARL VON WEDEL A GERMAN CITIZEN, OF AMSELSTRASSE 5, 3057, NEUSTADT 1, FEDERAL REPUBLIC OF GERMANY.

Application No. 680/Mas/84 filed September 5, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

10 claims

A heat resistant grate element shaptd as a grate plate and designed to form part of a working area of a grate structure for burning, cooling or otherwise heat-treating solid material while transporting the material in a pre-determined transporting direction and applying processing gas thereto, the grate element having an essentially plain working surface means for receiving and transporting the material being provided with an array of recesses having a gas inlet introducing the gas through the grate element inoUtkoin and a gas outlet opening into the working surface means for introducing the gas through the grate element into the material, characterised in

that the grate element (19) is shaped in the form of a box being essentially rectangular in plan view and comprises lateral brackets (4) forming side walls of the box and extending essentially parallel to the transporting direction as well as plurality of grate bars (3) each extending between the lateral brackets (4), respectively, and essentially transverse to the transporting direction, and

that the grate bars (3) are spaced with respect to each other such that neighbouring grate bars form a slot (5, 10, 11) between each other, respectively, extending essentially transverse to the transporting direction, and forming the recesses for the introduction of the processing gas, and have a cross-section perpendicular to the working surface to define a cross-section of the slots (5) narrow enough to constitute a high resistance to the passage of the processing gas and an impediment against the salid material introducing into the slots (5).

Com.- 17 pages; Drgs. 4 sheets.

CLASS : 39-G. 161738

Int. Cl. : C 01 f 1/00.

A THERMAL ENERGY STORAGE MATERIAL.

Applicant : THE DOW CHEMICAL COMPANY, A CORPORATION ORGANISED AND EXISTING UNDER THE LAWS OF THE STATE OF DELAWARE, OF 2030, DOW CENTER, ABBOTT ROAD, MIDLAND, MICHIGAN-48640, U.S.A.

Inventors : (1) GEORGE A. LANE, (2) ARTHUR S. TEOT & (3) HAROLD E. ROSSOW.

Application No. 756/Mas/84 filed October 8, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

7 claims, No drawing

A thermal energy storage material comprising at least one hydrated inorganic salt such as herein described having a phase change transition temperature in the range of from greater than 0°C to 140°C wherein said hydrated inorganic salt or mixture of salts are capable of undergoing segregation of its chemical components during repeated cycles of freezing and thawing and a surface active thickening agent in the form of a cationic surfactant in an amount of from 0.05 to 5 percent by weight of the storage material to form a micelle structure throughout the storage material preventing said segregation.

Com.-27 pages.

CLASS : 32-F.2(a). 161739

Int. Cl. : C 07 c 125/06.

PROCESS FOR THE PRODUCTION OF N-METHYL-CARBAMATES.

Applicant : ENISHEM SINTESI S.P.A., A COMPANY ORGANIZED UNDER THE LAW OF THE ITALIAN REPUBLIC, OF VIA RUGGERO SETTIMO 55, PALERMO, ITALY.

Inventors: (1) FRANCO RIVETTI, (2) FRANCO MIZIA, (3) GUIDO GARONE & (4) UGO ROMANO.

Application No. 998/Mas/85 filed December 10, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

10 claims

Process for the preparation of N-methylcarbamate of the formula shown in Fig. 2, wherein RO- is a radical of a phenol substituted with from one to three substituting groups equal or different to each other, selected among alkyl, oxyalkyl, thioalkyl, aminoalkyl, alkylenoxyalkyl, alkylene-thioalkyl and alkylene-aminoalkyl groups, wherein the alkyl group, straight or branched contains from 1 to 5 carbon atoms and preferably 1 to 3 carbon atoms and the alkylene group contains from 1 to 2 carbon atoms and is preferably methylene; a radical of 2, 3-dihydro-2, 2-dimethyl benzofuram-7-ol;

a radical of 2,2-dimethyl-1, 3-benzodioxol-4-ol;

a radical of 2-(1, 3-dioxolan-2-yl)-phenol;

a radical of 1-naphthol or 2-naphthol; by means of the reaction of diphenyl carbonate with methylamine to yield methyl isocynate and reaction of the said methyl isocyanate with a substituted phenol or a naphthol as above mentioned to yield N-methylcarbanate characterised in that;

in a first step to a first reactor a stream of methylamine and a stream of diphenyl carbonate dissolved in the recycled liquid mixture discharged from said first reactor, are continuously fed, with a feed molar ratio of methylamine to diphenyl carbonate of from 0.8/1 to 1/1 and at the temperature of from 20 to 80 degree centigrade, in order to form phenyl-N-methyl-urethane and phenol;

in a second step to a second reactor a stream containing phenol and phenyl-N-methyl-urethane in about equimolar amount is continuously fed, this stream being constituted by the resulting reaction mixture from the first step and by a recycled liquid stream obtained partly decomposing the fed phenyl-N-methylurethane at a temperature of from 180 to 220 degree centigrade and under a pressure of from 200 mmHg to the atmospheric pressure and developing a gaseous stream containing phenol, methyl isocyanate and unchanged phenyl-N-methylurethane, then submitting said gaseous stream to partial condensation, at the temperature of 80—100 degree centigrade in order to separate a gaseous stream of methyl isocyanate from a liquid stream of phenol and phenyl-N-methylurethane, this latter being partly recycled (recycle ratio 0.5 to 10) and the residual portion being distilled in order to separate a phenol stream, that is discharged, from a stream containing phenol and phenyl-N-methylurethane in about equimolar amount, this latter stream being recycled to the second step;

in a third step to a third reactor the resulting methyl isocyanate stream from the second step is continuously fed and is contacted, possibly after having been condensed, with a solution of a substituted phenol or naphthol as above mentioned operating with a molar ratio of the substituted phenol or naphthol to methyl isocyanate of from 1.0/1 to 1.1/1, in an inert organic solvent, at a temperature of from 0 to 50 degree centigrade in the presence of a basic catalyst to form N-methylcarbamate; N-methyl-carbamate is finally recovered from the resulting reaction mixture from the third step by known means.

Compl. 24 pages; Drgs. 2 sheets.

CLASS : 32-C. 161740

Int. Cl. : C 07 g 7/02 & C 12 d 13/00.

A MEHOD FOR PRODUCTION OF XYLOSE ISOMERASE.

Applicant : NOVO INDUSTRI A/S., OF NOVO ALLE, 2880, BAGSVAERD, DENMARK, A DANISH JOINT-STOCK COMPANY.

Inventor : GEORG SKT & HANNE GURTLER.

Application No. 56/Mas/86 filed January 28, 1986.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 claims. No drawing

Method for production of the xylose isomerase wherein an aerobic submerged fermentation is carried out with a strain of the Streptomyces murinus cluster on a conventional medium contining carbon and nitrogen sources whereafter the thus formed xylose isomerase is recovered.

Compl. 19 pages.

CLASS : 119-B & F. 161741

Int. Cl. : D 03 d 37/00.

CIRCULAR LOOM (2).

Applicant & Inventor : FRANZ XAVER HUEMER, OF SONNENUHRGASSE 4, 1060 VIENNA, AUSTRALIA.

Application No. 811/Cal/83 filed June 30, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 claims

A circular loom comprising a circular reed and a plurality of weaving shuttles each rotatable around the inside of the reed to pass through a shed in the loom and each provided with a plurality of frustroconical rollers which are arranged in pairs at top and bottom edges of the shuttle and which are supported on corresponding upper and lower frusto conical guide surfaces of shuttle guide races of the reed the roller of each shuttle being so arranged that their axes of rotation intersect at a point at least approximately in the region of an axis of rotation of the loom or a textile knock-off thereof and the rollers and guide surfaces being so shaped that their notional cone apices coincide with that point.

Compl. Specn. 15 pages. Drgs. 4 sheets.

CLASS : 203. 161742

Int. Cl. G 06 c 23/00.

METHOD OF CONDITIONING THE OPERATION OF AN APPARATUS FOR FRICTIONALLY FEEDING AND REGISTERING COMPUTER FORMS WEB.

Applicant : XEROX CORPORATION OF XEROX SQUARE, ROCHESTER, STATE OF NEW YORK, UNITED STATES OF AMERICA.

Inventor : 1. STEVEN ALAN GEBHART.

Application No. 946/Cal/83 filed July 29, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

15 claims

A method of conditioning the operation of an apparatus for frictionally feeding and registering computer forms web having sprocket holes in selected incremental lengths of said computer forms web with a controllable frictional (non-sprocket web drive system, comprising the steps of :

sensing and accumulating signals corresponding to the movement of said controllable frictional drive system;

sensing and accumulating signals corresponding to the number and position of valid holes in the computer forms web being so frictionally fed, including validating whether sensed holes are sprocket holes, and

Compensating for slip in said frictional feeding of the computer forms web by comparing and coordinating said drive system movement signals with said validated hole signals to determine incremental stopping positions for said selected incremental lengths of computer forms web being frictionally fed.

Compl. Specn. 40 pages. Drgs. 9 sheets.

CLASS : 208. 161743

Int. Cl. : B 23 k 27/10.

A MULTI-COMBINATION WRITING INSTRUMENT.

Applicant & Inventor : KUO LUNG TSAI, AT 4F, 27 LANE 160, HSIN SHENG S. ROAD, SEC. 1, TAIPEI, TAIWAN, REPUBLIC OF CHINA.

Application No. 1348/Cal/83 filed November 2, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

16 claims

A multi-combination writing instrument comprising a pen holding means having an ink reservoir at the rear and a common capillary tube means at the front;

a mother nib device detachably fitted at the front of said pen holding means; and

at least one of sub-nib devices which is coupled together with the front portion of said mother nib device, each of said nib devices comprising a writing point, an individual link in-

ducing member immediately connecting with said writing point and a nib body holding said writing point and ink inducing member and, after assembling, said mother nib device and said at least one of sub-nib devices being mutually cooperated with one another in a form of head-to-tail connection, and in which ink will flow from said ink reservoir to the writing point of said mother nib device through said common capillary tube means and the ink inducing member of said mother nib device and then further guiding ink to at least of one writing point of said sub-nib device through the writing point of said sub-nib device through the writing point of said mother nib device and at least one ink inducing member of said sub-nib device.

Compl. Specn. 20 pages. Drgs. 2 sheets.

CLASS : 65-B. 161744

Int. Cl. H 01 j 27/00.

ELECTRICALLY STABLE PERCHLOROETHYLENE OIL BLENDS.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors : 1. ATHONY JAMES PALUMBO. 2. HENRY ALEXANDER PEARCE, JR.

Application No. 1535/Cal/83 filed December 16, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

8 claims

An electrically stable composition for use in electrical apparatus, such as transformers which comprises a blend of from 50% to 80% perchloroethylene and about 30% to about 50% hydrocarbon insulating oil; from 20 to 500 ppm (based on the blend) of a polyhydric phenol; and a sufficient amount of an oxygen inhibitor to prevent oxygen degradation of said composition.

Compl. Specn. 11 pages. Drg. 1 sheet.

CLASS : 101-F. 161745.

Int. Cl. E 02 b 1/00.

GENERAL PURPOSE HYDRAULIC TEST STATION.

Applicant : HR. TEXTRON INC., 25200 WEST RYE CANYON ROAD VALENCIA, CALIFORNIA 91355, UNITED STATES OF AMERICA.

Inventors : 1. NEAL EDWARD SHISENAND & 2. RICHARD TAUBER.

Application No. 1594/Cal/83 filed December 27, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

24 claims

A general purpose hydraulic test station for testing hydraulic devices comprising :

(a) a housing defining a plurality of hydraulic ports;

(b) a source of hydraulic fluid under pressure;

(c) a hydraulic return; and

(d) manifold means connected to at least one of said ports and including :

(1) first valve means,

(2) means interconnecting said first valve means with said one port and with said source and said return, and

(3) control means for energizing said first, value means to selectively connect one of said source and return to said one port.

Compl. Specn. 26 pages. Drgs. 5 sheets.

CLASS : 33-D. 161746

Int. Cl. B 22 c 5/00.

METHOD OF REGENERATING OLD CASTING SAND AND APPARATUS FOR CARRYING OUT THE METHOD.

Applicants : 1. HUBERT EIRICH, OF SANDWEG 1, 6969 HARDHEIM, WEST GERMANY; (2) WALTER EIRICH, OF SPESSART WEG 18, 6969, HARDHEIM, WEST GERMANY; (3) PAUL EIRICH, OF BAHNHOFSTR. 11, 6969, HARDHEIM, WEST GERMANY.

Inventor : 1. DIETER S. LEIDEL.

Application No. 68/Cal/84 filed January 31, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

12 claims

A method for obtaining reclaimed sand from used and exhausted old casting or foundry sand by thermal and mechanical processing, wherein the said old casting or foundry sand is subjected to a thermal as well as mechanical processing characterised in that said thermal and mechanical processing are carried out simultaneously in one step and in which the said old casting or foundry sand is subjected to a strong turbulance so that high striking or impingement and frictional forces are produced within the said material said turbulance being created while simultaneously heating the said material and, wherein fine and dried components from said material are recovered.

Compl. Specn. 16 pages. Drgs. 2 sheets.

CLASS : 107-E. 161747

Int. Cl. F 01 n 7/00.

EXHAUST SILENCER.

Applicant : CHILLCOTTS LIMITTED, OF PRINCE STREET WORKS, MADELEY, TELFORD, SALOP, TF 7 4PX, ENGLAND, UNITED KINGDOM.

Inventor : 1. STANLEY BATES.

Application No. 181/Cal/84 filed March 13, 1984.

Convention dated 17th March, 1983 (83 07371) U.K.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

22 claims

An exhaust silincer for an internal combustion engine, the silencer having an inlet, a noise attenuation chamber containing a noise-attenuation matrix, and an outlet, wherein the noise-attenuation chamber is of rectangular cross-section and has one transverse dimension which is substantially larger than the other transverse dimension, and wherein the noise-attenuation matrix is constituted by a plurality of flat plates made of a material which is heat resistant and corrosion resistant, the plates being placed in spaced parallel relationship.

Compl. Specn. 13 pages. Drgs. 2 sheets.

CLASS : 26; 144-A. 161748

Int. Cl. A 46 b 5/00, 11/00; B 05 c 1/06; B 25 g 3/00.

AN APPLICATOR FOR APPLYING LIQUIDS ON A SURFACE.

Applicant: RECKITT & COLMAN OF INDIA LIMITED, OF 41, CHOWRINGHEE ROAD, CALCUTTA-700071, WEST BENGAL, INDIA.

Inventor : 1. DEBABRATA DASGUPTA.

Application No. 535/Cal/85 filed July 18, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 claims

An applicator for applying liquids on a surface from a bottle or container comprising a cap member a stem descending centrally from and/or the inside of the said cap member a hook member provided at the end of the said stem for a sponge to be fitted in the said hook member, the hook member having a central skit formed by a first descending lug and a second upwardly extending lug, a space or opening provided between the said first and second lugs such that the sponge can be inserted into the hook member through the said slot.

Compl. Specn. 9 pages. Drg. 1 sheet.

CLASS : 69-A 161749

Int. Cl. H 01 h 1/00.

ELECTRIC CIRCUIT BREAKERS.

Applicant : WESTINGHOUSE ELECTRIC CORPORATION, OF WESTINGHOUSE BUILDING, GATEWAY CENTER, PITTSBURGH, PENNSYLVANIA 15222, UNITED STATES OF AMERICA.

Inventors : 1. DAVID ANTHONY LEONE, 2. DOUGLAS CHARLES MARKS.

Application No. 69/Cal/85 filed September 13, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 claims

An electric circuit breaker comprising cooperating contacts, an operating mechanism comprising cradle which, when released, cause the operating mechanism to open the contacts, and a trip mechanism which comprises a latch movable into and from latching engagement with said cradle, a trip bar pivotally movable to effect movement of the latch from said latching engagement and thereby to release the cradle, and current-responsive means for effecting a cradle-releasing movement of the trip bar upon the occurrence of a predetermined overcurrent condition, characterized in that said trip mechanism comprises an intermediate latch lever (418) which is operatively interposed between said latch (148) and the trip bar (412) is supported for pivotal movement about an axis (420) parallel to the pivot axis (430) of the trip bar, and has a first lever arm (429) cooperable with a latching surface (428) on the trip bar so as to latch the intermediate latch lever, and a second lever arm (431) cooperable with said latch (148) so as to hold the latter in latching engagement with the cradle (96) said second lever arm (431) being substantially shorter than said first lever arm (429).

Compl. Specn. 28 pages. Drgs. 9 sheets.

CLASS : 65-B_3. 161750

Int. Cl. H 02 h 7/04.

AN OVERLOAD TRIPPING DEVICE FOR TRANSFORMERS.

Applicant & Inventor : MADHAV ANANT DATE, C/O. SHRI D. D PRABHU, SARASWATI NIKET 5, CAMAC STREET, CALCUTTA-700017, WEST BENGAL, INDIA.

Application No. 720/Cal/85 filed October 11, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office Calcutta.

7 claims

An overload tripping device comprising a bridge circuit with a first and second voltage reference point, a temperature sensing element constituting an arm of said bridge circuit and adapted to be positioned at a location where the temperature of the load is to be sensed, a comparator for comparing the sign of the difference between the voltages of said two variable points, said comparator connected to a conducting element for energizing the coil of a tripping element.

Compl. Specn. 9 pages. Drg. 1 sheet.

CLASS : 172-$D_{2, 7}$ & E. 161751

Int. Cl. B 65 h 54/22, 75/00; D 01 h 1/40.

A THREAD STORE.

Applicant : SCHUBERT & SALZER MASCHINENFABRIK AKTIENGESELLSCHAFT, OF FRIEDRICH-EBERT-STRASSE 84,8070, INGOLSTADT, WEST GERMANY.

Inventors : 1. ERICH BOCK, 2. JOHANN-CHRISTIAN PROMOLI, 3. KURT LOVAS, 4. JOACHIM DAMING.

Application No. 1341/Cal/83 filed October 31, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

29 claims

A thread store comprising :

(a) a rotary drive means;

(b) a storage roll driven by said rotary drive means having a rotary axis;

(c) a feed end formed on one end of said storage roll and exit end formed at a distal end of said storage roll;

(d) a feed station for feeding thread substantially tangential to said feed end of said storage roll;

(e) a rotatable thread retaining element carried at said exit end of said storage roll;

(f) said thread retaining element being rotatable relative to said storage roll;

(g) thread guide means arranged in prolongation of said rotary axis of said storage roll;

(h) said thread being unwound from said storage roll through said thread guide and counter to the movement of said thread retaining element; characterised by

(i) said thread retaining element comprising a radially outwardly extending open thread retainer for engaging thread lying in a prescribed path at an angle to said axis of said storage roll; and

(j) said thread guide means having a stand by position and a closed thread guiding position, said thread guide movable for engaging said thread lying in said prescribed thread path when moving from said stand by position to said closed thread guiding position causing said thread in said prescribed path to be caught and deflected by said radially extending open thread retainer and wound about said storage roll.

Compl. Specn. 58 pages. Drgs. 2 sheets.

CLASS : 21-B. 161752

Int. Cl. A 43 b 7/00, 7/06, 7/12, 21/02.

A WATERPROOF, BREATHABLE AND STRETCHABLE ARTICLE OF FOOTWEAR.

Applicant : W.L. GORE & ASSOCIATES, INC., OF 555 PAPER MILL ROAD, P.O. BOX 9329, NEWARK, DELAWARE 19711, U.S.A.

Inventors : 1. DOUGLAS AUSTIN TIBBETTS.

Application No. 1428/Cal/83 filed November 19, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 claims

A waterproof, breathable and stretchable article of footwear comprising, in a laminar combination, an elastomeric hydrophilic layer, such as herein described, having selected stretch and recovery properties and a moisture vapor transmission rate exceeding 1000 gms/m^2/day and, in a continuous interlocking phase therewith, a continuous hydrophobic

layer comprising a microporous sheet of expanded polytetrafluoroethylene having a moisture vapor transmission rate exceeding 1000 gms/m2/day and an advancing water contact angle exceeding 90 degrees.

Compl. Specn. 14 pages. Drg. nil.

CLASS : 32-E. 161753

Int. Cl. C 08 f 3/00, 3/04, 15/00.

IMPROVED CONTINUOUS PROCESS FOR THE MANUFACTURE OF HOMOPOLYMERS OF ETHYLENE OR COPOLYMERS OF ETHYLENE WITH AT LEAST ONE α-OLEFIN.

Applicant : SOCIETE CHIMIQUE DES CHARBONNAGES S.A., OF TOUR AURORE-PLACE DES REFLETS, F-92080 PARIS LA DEFENCE, CEDEX 5, FRANCE.

Inventors : 1. KAREL BUJADOUX. 2. JEAN-PIERRE-MACHON, 2. SERGE BIECHLIN.

Application No. 1567/Cal/83 filed December 22, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

4 claims

Continuous process for the manufacture of homopolymers of ethylene or of copolymers of ethylene with at least one α-olefine containing from 3 to 8 carbon atoms comprising in succession :

(a) a first stage for homopolymerising ethylene of (co) polymerising ethylene with at least one α-olefine at a temperature of between 180 and 320°C, at a pressure of between 300 and 2,500 bars, in the presence of a catalytic system comprising, at least one halogenated compound of a transition metal from groups IVa to VIa of the Periodic System and at least one activator selected from the hydrides and the organometallic compounds of metals of groups I to III of the Periodic System, the molar ratio of the activator to the transition metal compound being between 1 and 10.

(b) a second stage for separating the homopolymer or (Co) polymer formed from the unreacted monomer (s), at a pressure of between 100 and 500 bars,

(c) a third stage for recycling the unreacted monomer(s), and

(d) a fourth stage for recompression up to the polymerisation/(co) polymerisation pressure (300 to 2500 bars),

characterised by introducing by means known per se into the reaction medium at the end of the first stage, at least one compound such as herein described capable of reducing the transition metal or metals of the catalytic system the molar flowrate of the compound introduced at end of 1st stage being between 0.2 and 6 times the atomic flowrate of the transition metal or metals of the catalytic system.

Compl. Specn. 18 pages. Drgs. 2 sheets.

CLASS : 206-E. 161754

Int. Cl. G 08 b 1/00.

A MECHANICAL-CUM-ELECTROMAGNETIC DEVICE FOR REMOTE CONTROL INDICATION AND/OR RECORDING OF DATA IN DIGITAL FORM.

Applicant & Inventor: NABA KUMAR BANDOPADHAY, OF 144, JODHPUR PARK, CALCUTTA-700 068, WEST BENGAL, INDIA.

Application No. 118 Cal/84 filed February 21, 1984.

Complete Specification left on 21st March 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

11 claims

A mechanical-cum-electromagnetic device for remote control, indication and/or recording of data such as herein described, in digital form, comprising means for converting the data to be controlled, indicated and/or recorded, into rotary motion, where necessary, a toothed wheel having predetermined number of teeth and adapted to be rotated directly or with the help of said rotary motion, corresponding to the said data, electro-magnetic relays with the angular movement of each tooth of said wheel in either direction, and a receiver placed remote from the transmitter, and adapted to actuate a counter stepwise in either direction corresponding to the number and nature of pulses received from the transmitter, for reproducing the data in digital form.

Provisional Specn. 9 pages. Drg. 1 sheet.

Compl. Specn. 14 pages. Drg. nil.

CLASS : 190-A & B. 161755

Int. Cl. G 05 b 13/00; G 06 f 15/00.

A DISTRIBUTED SYSTEM FOR OPTIMIZING THE PERFORMANCE OF A PLURALITY OF MULTI-STAGE STEAM TURBINES.

Applicant : THE BABCOCK & WILCOX COMPANY, OF 1010 COMMON STREET, P.O. BOX 60035, NEW ORLEANS, LOUISIANA 70160, UNITED STATES OF AMERICA.

Inventor : 1. AXMI KAYA, 2. MARION ALVAH KEYES, IV.

Application No. 152/Cal/84 filed March 5, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

6 claims

A distributed system for optimizing the performance of a plurality of multi-stage steam turbines comprising :

means for measuring such as herein described the steam output flow from the multi-stages of said steam turbines and establishing a series of steam output signals;

means for measuring the output power produced by said steam turbines and establishing a series of output power signals;

limit setting means such as herein described responsive to said series of output power signals and said series of steam output signals for establishing a logic 1 signal if said steam output and output power signals are within reset limits and a logic 0 signal if said steam output and output power signals are not within preset limits;

limit sequencing means such as herein described responsive to said logic signals of said limit setting means for establishing either a logic 1 signal a logic 0 signal or a high level output signal G;

means for measuring the efficiency of each of the multi-stages of said steam turbines and establishing a series of efficiency signals;

means establishing a load increase limit signal such as herein described in response to output signals from said efficiency measuring means and said limit sequencing means;

pressure measuring means such as herein described for measuring the pressure of the outputs of said turbines and establishing a signal indicative thereof; and

load allocation means such as herein described responsive to the output signal from said pressure measuring means and said load increase limit establishing means for assigning a decrease in load demand to the lowest efficiency turbine and an increase in load demand to the higher efficiency turbine.

Compl. Specn. 17 pags. Drgs. 5 sheets

CLASS : 90-K. 161756

Int. Cl. C 03 c 3/00.

PROCESS AND APPARATUS FOR PRODUCING GLASS.

Applicants : (1) SIEGFRIED HARCUBA AT HOHENSTRASSE 96, A-6020 INNSBRUCK (AUSTRIA); (2) THEODOR PETER HARCUBA, AT WITTIKONERSTRASSE 59, CH-8020 ZURICH (SWITZERLAND); (3) INTERVERRE ANSTALT, AT ALTENBACH 99, VADUZ (FURSTENTUM LIECHTENSTEIN).

Inventor : 1. SIEGFRIED HARCUBA.

Application No. 402/Cal/84 filed June 13, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

29 claims

A process for producing glass comprising introducing cullet or frit into a furnace and melting it therein to form a flux; guiding the flux along a track; applying preheated raw material components to the surface of the flux substantially in the proportion of one part of flux to between one and nine parts of raw material components; employing thermal energy to melt the raw material components on or in the flux so as to form a glass melt; and introducing refining materials so as to refine the glass melt.

Compl. Specn. 24 pages. Drgs. 3 sheets.

CLASS : 164-C. 161757

Int. Cl. B 65 d 43/00; C 02 c 1/14; F 16j 13/06.

MULTIPLE RISE COVER.

Applicant : EIMCO PMD/ENVIROTECH, OF P.O. BOX 300, SALT LAKE CITY, UTAH 84110, UNITED STATES OF AMERICA.

Inventor : 1. LYNN WALTER COOK.

Application No. 428/Cal/84 filed 19th June, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

20 claims

A cover for an essentially continuous closed up-standing wall comprising :

means for providing a continuous closed first thrust ring supported by said wall;

means for providing a continuous closed second thdust ring internally of an, spaced from said first thrust ring;

a first set of radial rise beams extending between said first and second thrust rings at spaced radial locations;

means for connecting a first series of rise cover plates between beams of said first set of beams and between said first and second rings;

means for providing acenter ring spaced inwardly from said second thrust ring;

a second set of radial rise beams extending between said second thrust ring and said center ring; and

means for connecting a second series of rise cover plates between beams of said second sets of beams between said second thrust ring and said center ring.

Compl. Specn. 17 pages. Drg. 1 sheet.

CLASS : 206-F & H6; 186-C. 161758

Int. Cl. H 03 f 1/42.

A MODIFIED RESONANT CAP MICROWAVE IMPATT AMPLIFIER.

Applicant : THE REGISTRAR, UNIVERSITY OF CALCUTTA SENATE HOUSE, CALCUTTA-700073, INDIA.

Inventors : 1. SUBAL KAR, 2. SITESH KUMAR ROY.

Application No. 589/Cal/84 filed August 24, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

7 claims

A modified resonant-cap microwave IMPATT amplifier characterised by a height-optimised and slotted modified resonant-cap cavity, an LMPATTE diode adapted to be placed inside the said cavity, conventional arrangement for bias supply to the said IMPATT diode and conventional tuning means for setting the suitable threshold condition for amplifier operation.

Compl. Specn. 9 pages. Drgs. 2 sheets.

CLASS : 156-E. 161759

Int. Cl. F 04 c 17/00.

FLUID PRESSURE ENERGY TRANSLATING DEVICE OF THE SLIDING VANE TYPE SUCH AS PUMPS OR MOTORS.

Applicant : VICKERS, INCORPORATED, OF 1401 CROOKS ROAD, TROY, MICHIGAN 48084, UNITED STATES OF AMERICA.

Inventors : 1. LAURENCE CLARE DEAN, JR., & (2) LOUIS JOSEPH CARDINALE.

Application No. 592/Cal/84 filed August 27, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

3 claims

A fluid pressure energy translating device of the sliding vane type comprising :

a cam body including an internal contour,

a rotor, a plurality of vanes rotatable with said rotor and slidable relative thereto in solts in the rotor, one end of each vane engaging said internal contour, said rotor and internal contour cooperating to define one or more pumping chambers between the periphery of the rotor and the cam contour through which the vanes pass carrying fluid from an inlet port to an outlet port,

at least one cheek plate associated with said body and rotor,

means forming two pressure chambers for each vane each vane having two surfaces, one in each chamber, both being effective under pressure in said respective chambers to urge the vanes into engagement with the internal contour,

a generally annular internal feed passage formed entirely within said rotor communicating with one set of said pressure chambers,

each said vane having inner and outer ends and sides,

the inner end of each said vane defining the surface of one of said pressure chambers,

a radial passage on each said vane extending from the inner to the outer ends thereof,

an arcuate valving groove formed in the cheek plate in an outlet fall zone or high pressure zone alongside said rotor and in communication with said radial passage,

axial openings in said rotor extending from a side of said rotor to said annular passage and adapted to register with said arcuate valving groove as the rotor rotates relative to said cam body,

an arcuate groove in the face of the cheek plate solely in the dwell zone,

said arcuate groove being concentric with the arcuate valving groove and adapted to register with the chamber associated with the axial openings as the rotor rotates,

and a hydrostatic pressure pad associated with the opposite face of the check plate and circumscribing the arcuate valving groove and the arcuate groove, and opening extending from the arcuate groove through the cheek plate to the hydrostatic pad area.

said arcuate groove lying solely within and hydrostatic pressure pad.

Compl. Specn. 16 pages. Drgs. 3 sheets.

CLASS : 33-A & D. 161760

Int. Cl. B 22 d 37/00.

AN EQUIPMENT FOR FRAMES TO FIX FIRE-PROOF PLATES IN SLIDING LOCKS.

Applicant : METACON AKTIENGESELLSCHAFT, OF OERLIKONERSTR. 88, CH-8057, ZURICH, SWITZERLAND.

Inventor : 1. OTTO WENGER.

Application No. 445/Cal/85 filed June 14, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972) Patent Office, Calcutta.

9 claims

An equipment for frames to fix fire-proof floor plates, slide plates or shim plates in sliding locks of metallurgical containers, wherein a strip (6) acting as bandage around the perimeter of the fire-proof plate (8, 25, 33) is provided with loadable and unloadable clamping locks (7) to the frame (1, 21, 31).

Compl. Specn. 14 pages. Drgs. 6 sheets.

CLASS : 131-A.2 & 140-B.2. 161761

Int. Cl. E 21 b 43/00.

A PROCESS FOR THE RECOVERY OF OIL FROM SUBTERRANEAN OIL-BEARING FORMATIONS.

Applicants & Inventors : (1) NAVINCHANDRA GIRDHARLAL PARIKH, C/O. SATISHBHAI PARIKH, PAREKH BROTHERS ENTERPRISES, 13, ERRABALLU CHETTY STREET, MADRAS-600 001, TAMIL NADU, (2) KANTILAL ABRAHAM PATEL, OF 17, VINAY ARCADE, OPP. MANINAGAR RAILWAY STATION, MANINAGAR, AHMEDABAD-380 008, GUJARAT.

Application No. 52/Mas/83 filed March 7, 1983.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

8 claims. No drawing

A process for the recovery of oil from subterranean oil-bearing formations which comprises introducing through one or more injection well(s) or a production well, a flooding/treating medium which is made by hydrolysing, in a known manner, a stable water-in-oil emulsion of vinyl polymer e.g. acrylamide polymer, as prepared according to the process claimed in our Indian Patent Application No. 263/Mas/82, said hydrolysation being to such an extent that the hydrolysed emulsion contains 10% to 40% of the active polymer and is capable of inversion by mixing with water, causing the said flooding/treating medium to be inverted by methods such as herein described, prior to or after the introduction thereof into the oil-bearing formation, and recovering the oil from the production well by known means.

Compl. Specn. 15 pages.

CLASS 32-F3(s). 161762

Int. Cl. C 07 c 65/08.

A PROCESS FOR PREPARING 3, 4, 5-TRIMETHOXYBENZOIC ACID.

Applicant : MALLINCKRODT, INC., STATE OF DELAWARE OF 675, MCDONNELL BOULEVARD, ST. LOUIS, DELAWARE, UNITED STATES OF AMERICA.

Inventor : MUTHUNADAR PALANICHAMY PERIASAMY.

Application and Provisional Specification No. 378/Mas/84 filed May 24, 1984;

Complete Specification left : August 21, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

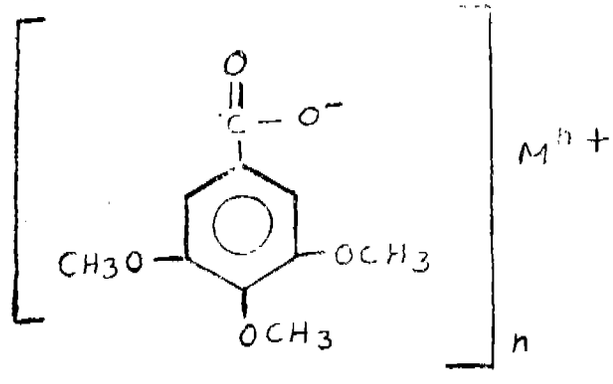
8 claims

A process for preparing 3, 4, 5-trimethoxybenzoic acid, which comprises :

(a) reacting hydrolyzable tannin obtained from a tannin-containing material selected from the group consisting of tara pods, Chinese nut galls, Aleppo galls and sumac leaves with a methylation agent selected from dimethyl sulfate, methyl p-toluene sulfonate, methyl iodide, and diazomethane in an alkaline medium at a temperature of 15 to 80°C for a period of from 2 to 8 hours so as to form methylated tannin.

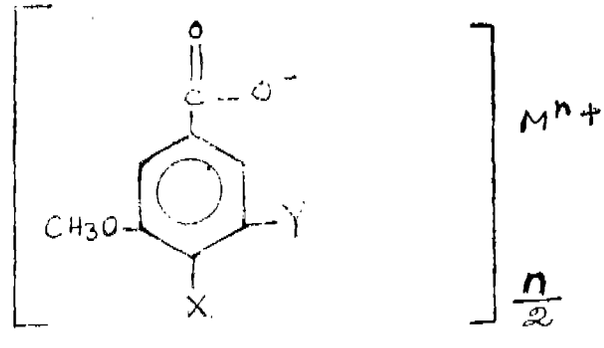
(b) hydrolyzing the methylated tannin by reaction thereof with a hydrolysis agent selected from sodium hydroxide, potassium hydroxide, calcium hydroxide, ammonium hydroxide, and organic amines in an alkaline medium at a temperature of 60 to 110°C for 0.5 to 6 hours to form a mixture of intermediates comprising a 3, 4, 5-trimethoxybenzoate salt of the formula I shown in the accompanying drawings.

378/Mas/84



FORMULA—I

wherein M^{n+} is the cation of the hydrolysis agent and/or alkaline agent employed and n is 1 or 2 and corresponds to the valences of said cation, and a dimethoxy-benzoate salt or salts of the formula II shown in the accompanying drawings,



FORMULA -II

wherein X and Y each represent a methoxy group or O- subject to the proviso that X is methoxy when Y is O- and X is O- when Y is methoxy, and wherein Mn+ and n have the meanings given to them above,

(c) methylating by known means said intermediates to form a mixture comprising methyl 3, 4, 5-trimethoxybenzoate and a salt of 3, 4, 5-trimethoxybenzoic acid of formula (I),

(d) saponifying by known means the mixture from step (c) by reaction under alkaline conditions at a temperature of 60 to 110°C for 0.5 to 6 hours to convert methyl 3, 4, 5-trimethoxybenzoate to a salt of 3, 4, 5-trimethoxybenzoic acid of formula (I), and

(e) acidifying the resulting saponified reaction mixture from step (d) to convert the salt of formula (I) to 3, 4, 5-trimethoxybenzoic acid.

Prov. 14 pages; Com. 16 pages; Drgs. 1 sheet.

CLASS : 55-E.4 & 136-E. 161763

Int. Cl. A 61 k 9/00.

A METHOD FOR PREPARING A FREE-FLOWING PARTICULATE N-ACETYL-P-AMINOPHENOL COMPOSITION.

Applicant : MALLINCKRODT, INC., A CORPORATION ORGANISED UNDER THE LAWS OF THE STATE OF DELAWARE, OF 675, MC DONNELL BOULEVARD, ST. LOUIS, DELAWARE-63134, UNITED STATES OF AMERICA.

Inventors : (1) ANIL MANOHAR SALPEKAR, (2) STEVEN ROBERT FREEBERSYSER & (3) DOUGLAS ARTHUR & (3) DOUGLAS ARTHUR ROBINSON.

Application and Provisional Specification No. 412/Mas/84 filed June 5, 1984.

Complete Specification left : September 2, 1985.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

9 claims

A method for preparing a free-flowing particulate N-acetyl-p-aminophenol composition capable of being directly formed into a tablet having high hardness, short disintegration time and short dissolution time, said method comprising :

(a) forming a slurry containing components dispersed substantially uniformly throughout an aqueous medium, said components comprising :
(A) N-acetyl-p-aminophenol,

(B) from 5 to 15 parts per 100 parts by weight of said components of a pharmaceutically acceptable partially gelatinized starch having a percent gelatinization of from 50 to 75% and

(C) from 0.1 to 0.4 parts per 100 parts by weight of said components of a pharmaceutically- acceptable lubricant selected from stearic acid, metallic stearates, sodium lauryl sulphate, polyethyleneglycol, hydrogenated vegetable oils, talc and compatible mixtures of two or more thereof; and

(b) spray drying said slurry under spray drying conditions such that the spray dried particles include water in an amount from 0.5 to 1.5% based on the total weight of the composition and such that the composition is at least substantially the same as a composition selected from the group consisting of (i) a first composition obtained when said slurry is co-currently spray dried at a slurry feed rate of about 400 kilograms per hour under the following approximate spray drying conditions; inlet temperature—300°CF., —600°F., outlet temperature—150°F.-250°F. and atomization pressure—1000—4000 psi, and (ii) a second composition obtained when said slurry is counter-currently spray dried at a slurry fed rate of about 10 kilograms per hour under the following approximate spray drying conditions, inlet temperature—375°F.—600°F., outlet temperature—150°F—250°F, atomization pressure—22-35 psi and slurry feed pressure—45—60 psi.

said components being distributed as a result of said spray drying step throughout the particles of said composition such that at least a portion of said lubricant is dispersed within said particles and at least a portion of the lubricant is disposed on the outer surfaces of said particles.

Prov. 27 pages. Com. 30 pages; No drg.

CLASS : 61—C+G. 161764

Int. Cl. F 23 g 7/02.

IMPROVEMENTS RELATING TO DRYING OF BAGASSE ENABLING RECOVERY OF VAPOUR PRODUCED AS PROCESS STEAM.

Applicant & Inventor : KADARUNDALIGE SITARAMADAS GURURAJA DOSS, CITIZEN OF INDIA, CONSULTANT, NO. 8, BALARAM ROAD, ADYAR, MADRAS-600 020, TAMIL NADU.

Application No. 418/Mas/84 filed June 8, 1984.

Complete Specification left February 16, 1985.

Cognated to Application No. 452/Mas/84 dated June 21, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

3 claims

A device for drying of bagasse for use in boiler furnaces enabling the recovery of vapour produced as process steam, comprising of a drying chamber, a heating arrangement, a feeding and a discharge system having rotary seals, a spring loaded gate near the bagasse entry into the drying chamber, steam nozzles in the drying chamber to keep the bagasse particles stirred up and a vent at the bagasse feed end to remove the non-condensible gases.

Prov. 6 pages; Com. 5 pages; Drg. 1 sheet.

CLASS : 145-A, 42 A2. 161765

Int. Cl. A 24 d 1/10.

A SMOKING ARTICLE.

Applicant : KIMBERLY-CLARK CORPORATION, OF 401, NORTH LAKE STREET NEENAH WISCONSIN-54956, UNITED STATES OF AMERICA, A U.S. COMPANY.

Inventor : DONALD F. DUROCHER.

Application No. 581/Mas/84 filed August 7, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

5 claims

A smoking article, comprising a tobacco column and a wrapper said wrapper comprising a base web containing cellulose fibers, said base web being non-burning under normal smoking conditions, said base web containing a plurality of zones treated with 15 to 150 mg of a burn promoter such as herein defined for 1 gm of bone dry base web, said base web having a burn mode index (BMI) within the range of 1.5 cm-1 to 6.0 cm-1.

Comp. 22 pages; Drgs. 4 sheets.

CLASS : 32-B & 40 F 161766

Int. Cl. C 07 c 15/08; 5/30.

A PROCESS FOR ISOMERIZING AN ISOMERIZATION FEED CONTAINING AN AROMATIC C8 MIXTURE OF ETHYLBENZENE AND XYLENE.

Applicant : MOBIL OIL CORPORATION, A CORPORATION ORGANIZED UNDER THE LAWS OF THE STATE OF NEW YORK, UNITED STATES OF AMERICA, OF 150, EAST 42ND STREET, NEW YORK, NEW YORK-10017, UNITED STATES OF AMERICA.

Inventors : (1) CHARLES THEODORE KRESGE (2) MICHAEL PETER NICOLETTI & (3) JAMES CLARKE VARTULI.

Application No. 698/Mas/84 filed September 13, 1984.

Appropriate office for opposition proceedings (Rule 4, Patents Rules, 1972), Patent Office, Madras Branch.

6 claims. No drg.

A process for isomerizing an isomerization feed containing an aromatic C8 mixture of ethylbenzene and xylene to enhance the para-xylene content, said process comprising contacting said feed under known conversion conditions with a catalyst comprising SZM-23 zeolite having pores which are substantially unobstructed by silica.

Com. 17 pages.

CLASS : 179 F 161767

Int. Cl : B 65 d 1/00

CONTAINER

Applicant : A/S HAUSTRUP PLASTIC, a Danish Company, of Industrivej 6, DK-5550 LANGESKOV, DENMARK.

Inventor : OLE INGEMANN.

Application No. 707/MAS/84 filed September 17, 1984.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Madras Branch.

13 Claims

A container which includes a lid (40) and a container body (10) with a flange (12) whereby the lid and flange are disposed in order to assume fixed positions relative to each other in an originally sealed container and thereby achieve a tight closure of the container, and a frame-like connection device (20) which is disposed with a first attachment section (21) sealingly affixed to the said flangs (12) and a second attachment section (22) sealingly affixed to the lid (40), so that in an origonally sealed container the first attachment section (21) of the connection device (20) is joined to the flange (12) by means of a tight joint (61) and the second attachment section of the connection device is joined to the lide (40) by means of a tight joint (62) by means of which the connection device (20) affixes the lid to the container body sealingly.

Compl. specn. 27 pages Drgs. 21 sheets.

CLASS : 131-B. 2, 3 161768

Int. Cl. : E 21 c 41/06.

A MINING TOOL.

Applicant : WIDIA (INDIA) LIMITED, 8/9TH MILE, TUMKUR ROAD, BANGALORE-560 073, KARNATAK, INDIA, A COMPANY DULY ORGANISED AND EXISTING UNDER THE LAWS OF THE UNION OF INDIA.

Inventors : (1) ARNGARAJAN SRINIVASAN, (2) AMITAVA SHYAM CHOUDHURY, (3) NATARAJAN RAJAMANI.

Application No. 722/Mas/84 filed September 21, 1984.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Madras Branch.

2 Claims

A mining tools comprising tungsten carbide buttons or the like supported by a metal body such as a steel body characterised by a hard layer on the said metal body in the region of wear such as the region surrounding and located adjacent the said buttons, the said hard layer being composed of one or more of hard materials such as tungsten carbide, titanium carbide, titanium nitride, boron carbide sprayed, welded or deposited (such as electrodeposted) on the said metal body on the said region, the said hard layer having a thickness of substantially up to 3 mm.

Compl. specn. 5 pages Drg. 1 sheet.

CLASS 83-A, 2 161769

Int. Cl. : A 23 c 11/00

A METHOD OF MANUFACTURING CALCIUM FORTIFIED SOY MILK.

Applicant : WAYNE STATE UNIVERSITY, A CORPORATION OF MICHIGAN, U.S.A., OF 100 ANTOINETTE, DETROIT, MICHIGAN 48202, U. S. A.

Inventors : (1) MICHAEL B. ZEMEL, (2) LEORA A. SHELEF.

Application No. 988/Mas/85 filed December 9, 1985.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Madras Branch.

7 Claims. No. drawing

A method of manufacturing calcium fortified soy milk comprsiing the steps of :

(a) adding 0.5 gram to 1.0 gram of P_3 to P_{22} metal polyphosphate salt per 100 mls of soy milk; and

(b) adding 0.2 gram to 0.75 gram of a human consumable calcium source per 100 mls. of the soy milk; the pH of the soy milk is maintained in the range of 6.7 to 6.85.

Compl. specn. 18 pages.

CLASS : 83-A, 161770

Int. Cl. : C 12 d 13/06

A PROCESS FOR THE PRODUCTION OF SINGLE CELL PROTEIN.

Applicant : LINDE AKTIENGESELLSCHAFT, OF ABRAHAM-LINCOLN-STRASSE, 21, D-6200 WIESPADEN, FEDERAL REPUBLIC OF GERMANY.

Inventors : (1) BERNHARD KRUIS (2) REINHOLD-BRONNENMEIER, (3) MICHAEL HEISEL, (4) ALBERT HOFMANN.

Application No. 184/Mas/85 filed March 13, 1985.

Appropriate office for opposition proceedings (Rule 4, Patent Rules, 1972) Patent Office, Madras Branch.

14 Claims

In a process for the production of single cell protein by cultivation of micro organism under aerobic condition in a culture medium such as herein defined, based on methanol and recovering the said single cell protein from the cultivated biomass by centrifugal separation the improvement comprising the steps of recycling the carbon dioxide from the exhaust gas produced during the cultivation and growth of the micro organism to produce synthesis gas.

Compl. specn. 19 pages Drg. 1 sheet.

PATENTS SEATED

158092 158148 158179 158200 158357 158358 158359 158463 158608 158621 158674 158734 158735 158784 158785 158805 158806 158807 158808 158814 158919 158951 158955 158975 158996 158997 159030 159032 159036 159037 159038 159048 159049 159050 159053 159057 159058 159059 159060 159065 159074 159077 159079 159085 159086 159089 159091 159093 159095 159096 159097 159099 159100 159101 159103 159104 159106 159107 159108 159112 159116 159118 159119 159121 159122 159136 159147 159208 159944.

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REGISTRATION OF DESIGNS

The following design have been registered. They are not open to inspection for a period of two years from the date of registration except as provided for in Section 50 of the Designs Act, 1911.

The date shown in the each entry is the date of registration of the design included in the entry.

Class 1. No. 158407. Suraj Industries, 31-Galaxy Comm. Cehtre, Jawahar Road, Rajkot-360 001 (Gujarat) (India), a regd. Partnership firm. "Coconut Scrapper". 9th June, 1987.

Class 1. No. 158431. Parmar Brass Manufacturers, 3/20 Bhojrajpara, opp. Railway Siding, Gondal 360 311 (Gujarat) INDIA, a regd. Partnership firm. "Vertical Slotted Brass Cylender". 15th June, 1987.

Class 1. No. 158536. Hawkins Coockers Limited, Incorporated in India, F-101 Maker Towers, 10th floor, Cuffe Parade, City of Bombay-400 005, State of Maharashtra, India. "Fry Pan". 16th July, 1987.

Class 1. No. 158538. Hawkins Cookers Limited, Incorporated in India, F-101 Maker Towers, 10th floor, cuffe Parade, City of Bombay-400 005, State of Maharashtra, India. "Cooking Utensil". 16th July, 1987.

Class 3. No. 158488. Elesa S.P.A., an Italian Company, of Via G. Pascoli 21, 20129 Milano Italy, "a Disk Hand-wheel with Folding Handle". 2nd July, 1987

Class 3. No. 158490. Elesa S. P. A., an Italian Company, of Via G. Pascoli 21, 20129 Milano Italy. "Vertical Column Level Gauge for Tanks and the like". 2nd July, 1987.

Class 3. Nos. 158516, 158517. Limon Pencils Private Limited, (a company incorporated under the provisions of Indian Companies Act) at Andrew Nagar, S. V. Road, Dahisar, Bombay-400 068, State of Maharashtra, India. "PENCIL". 10th July, 1987.

Class 3. No. 158518. Lion Pencils Private Limited, (a company incorporated under the Indian Companies Act) at Andrew Nagar, S.V. Road, Dahisar, Bombay-400 068, Maharashtra State, India "PEN" 10th July, 1987.

Class 3. No. 158529. Rashmi Patel, Indian National, of 'Shankar Smruti' 32 Marve Road Opp. Adarsh Dairy, Malad (West) Bombay-400 064, State of Maharashtra, India. "Container" 14th July, 1987.

Class 3. No. 158532. Kingsway Enterprises Private Limited, an Indian Company of 12, Sham Nath Marg, Delhi-110054, India. "Binoculars-cum-film Viewer" 15th July, 1987.

Class 3. No. 158533. Indochemie, be 2, Ganesh Chandra Avenue, Commerce House, 5th Floor, Room No. 8A, Calcutta-700013, West Bengal, India, an Indian Proprietorship firm. "Bottle". 15th July, 1987.

Class 3. No. 158537. Hawkins Cookers Limited, Incorporated in India F-101 Maker Towers, 10th floor Cuffe Parade, City of Bombay 400 005, State of Maharashtra, India. "FRY PAN". 16th July, 1987.

Class 3. No. 158539. Hawkins Cookers Limited, Incorporated in India, F-101 Maker Towers, 10th floor, Cuffe Parade, City of Bombay-400 005, State of Maharashtra, India. "Cooking Utensil". 16th July, 1987.

Class 3. No. 158583. Devi Electronics Private Limited, (a company incorporated under the Companies Act) at 302-A Poonam Chambers, Shivsagar Estate, Worli, Bombay-400 018, State of Maharashtra, India. "Transistor Radio". 28th July, 1987.

Class 3. No. 158619. S. K. Enterprises, 13/130, Char Bagh, Shahgani, Agra-282010 (U.P.), (an Indian Partnership firm). "PVC Soles". 31st July, 1987.

Class 3. No. 158702. Shree Krishna Keshav Laboratories Limited, a company incorporated in India, of Amraiwadi Road, Ahmedabad-380008, Gujarat, India. "Puss Suction Bottle". 20th August, 1987.

Class 4. Nos. 158484, 158485. National Industrial Corporation Ltd. (Unit : Ajudhia Distillery), a company registered under the Companies Act, 1956, Flat No. 8, Khan Market, New Delhi-110003, India. "Bottle". 1st July, 1987.

Extn. *of Copyright for the Second period of five years.*
No. 152469.—Class 1.

Nos. 152412, 152414, 152415, 152349, 152350, 152011, 152341, 152253, 152750, 152219, 152218.—Class 3.

Extn. *of Copyright for the Third period of five years.*

Nos. 144125, 144212.—Class 1.

No. 144608.—Class 3.

Nos. 144902.—Class 4.

R. A. ACHARYA
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AND PUBLISHED BY THE CONTROLLER OF PUBLICATIONS, DELHI, 1988